

## Storm Data and Unusual Weather Phenomena - January 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>IOWA, Southwest</b>				
(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE, (IA-Z079) MILLS, (IA-Z080) MONTGOMERY, (IA-Z090) FREMONT, (IA-Z091) PAGE				
	01/05/14 18:00 CST		0	Extreme Cold/Wind Chill
	01/06/14 17:00 CST		0	
<p>Arctic high pressure pushed down into the central U.S. on January 5th and 6th bringing wind chill values of 25 below to 35 below zero or colder from the afternoon of the 5th through the afternoon of the 6th to eastern Nebraska and western Iowa. Actual temperatures across the area fell into the single digits above zero during the afternoon of January 5th and by the morning of January 6th they fell to around 10 below or colder over much of the area. Readings only recovered back into the single digits by the afternoon of the 6th. With the initial Arctic surge during the afternoon of January 5th, northwest winds reached 25 to 35 mph with gusts into the 40s. The winds decreased overnight, and actually dropped off to around 10 mph for a while toward sunrise. However, winds picked back up into the 15 to 25 mph range during the daylight hours of January 6th before decreasing later that afternoon.</p>				
(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE				
	01/16/14 12:00 CST		0	High Wind (MAX 56 kt)
	01/16/14 16:30 CST		0	
<p>A powerful storm system moved from the northern Plains on the morning of the 16th to the mid Mississippi River Valley by the evening. Behind this system, across eastern Nebraska and western Iowa strong northwest developed during the morning and peaked in intensity during the early afternoon. Many locations across northeast Nebraska and west central Iowa recorded wind gusts greater than 60 mph with sustained winds greater than 40 mph during this time. The strong winds created some minor damage, power outages and blowing dust. Winds diminished during the evening hours on the 16th.</p>				
(IA-Z043) MONONA				
	01/18/14 09:00 CST		0	High Wind (MAX 55 kt)
	01/18/14 11:00 CST		0	
<p>A fast moving but potent storm system moved south from the eastern Dakota into Iowa during the day on the 18th. A cold front moved rapidly south across eastern Nebraska and western Iowa in the early morning. Behind the cold front, winds increased from the northwest across the area during the morning as high pressure built into the area. Northwest sustained winds of 20 to 35 mph with gusts to 50 mph were common, but isolated locations recorded higher winds greater than 58 mph with some light damage reported. The winds decreased by late afternoon as the storm system pushed off to the east.</p>				
(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE, (IA-Z079) MILLS, (IA-Z080) MONTGOMERY, (IA-Z090) FREMONT, (IA-Z091) PAGE				
	01/22/14 19:00 CST		0	Cold/Wind Chill
	01/23/14 10:00 CST		0	
<p>Arctic high pressure built down across the central plains on January 22nd and 23rd. The high brought northwest winds of winds of 15 to 25 mph with higher gusts to the region. Temperatures across eastern Nebraska and western Iowa fell into the single digits on the 22nd and into the 5 below to 10 below range over most of the area by the morning of the 23rd. The combination of the cold and strong winds lowered wind chill values down into the 20 below to 30 below zero range.</p>				
(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE, (IA-Z079) MILLS, (IA-Z090) FREMONT				
	01/26/14 15:00 CST		0	High Wind (MAX 54 kt)
	01/26/14 18:30 CST		0	
<p>As a strong upper level storm system moved into the Great Lakes during Sunday January 26th, an arctic cold front swept through the central Plains. The cold front brought widespread blizzard conditions to parts of the northern Plains into the Upper Mississippi River Valley, but farther west, where snow cover was lacking, just strong north winds were experienced across western Iowa and eastern Nebraska. The winds peaked during the late afternoon and early evening across the area.</p>				
(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY				
	01/27/14 00:00 CST		0	Cold/Wind Chill
	01/27/14 10:00 CST		0	
<p>Arctic high pressure building down across the plains lowered temperatures a little below zero across northeast Nebraska and west central Iowa during the early morning hours of January 27th. When combined with northwest winds of 15 to 25 mph, wind chill values fell to around 20 below to 25 below zero.</p>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NEBRASKA, East				
(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z030) BOONE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z050) BUTLER, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z065) SEWARD, (NE-Z066) LANCASTER, (NE-Z067) CASS, (NE-Z068) OTOE, (NE-Z078) SALINE, (NE-Z088) JEFFERSON, (NE-Z089) GAGE, (NE-Z090) JOHNSON, (NE-Z091) NEMAHA, (NE-Z092) PAWNEE, (NE-Z093) RICHARDSON				
	01/05/14 16:00 CST		0	Extreme Cold/Wind Chill
	01/06/14 17:00 CST		0	
Arctic high pressure pushed down into the central U.S. on January 5th and 6th bringing wind chill values of 25 below to 35 below zero or colder from the afternoon of the 5th through the afternoon of the 6th over eastern Nebraska and western Iowa. Actual temperatures across the area fell into the single digits above zero during the afternoon of January 5th and by the morning of January 6th they fell to around 10 below or colder.				
Readings only recovered back into the single digits by the afternoon of the 6th. With the initial Arctic surge during the afternoon of January 5th, northwest winds reached 25 to 35 mph with gusts into the 40s. The winds decreased overnight, and actually dropped off to around 10 mph for a while toward sunrise. However, winds picked back up into the 15 to 25 mph range during the daylight hours of January 6th before decreasing later that afternoon.				
(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z030) BOONE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z050) BUTLER, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z065) SEWARD, (NE-Z078) SALINE, (NE-Z089) GAGE				
	01/16/14 09:30 CST		0	High Wind (MAX 58 kt)
	01/16/14 17:30 CST		0	
A powerful storm system moved from the northern Plains on the morning of the 16th to the mid Mississippi River Valley by the evening. Behind this system, across eastern Nebraska and western Iowa strong northwest developed during the morning and peaked in intensity during the early afternoon. Many locations across northeast Nebraska and west central Iowa recorded wind gusts greater than 60 mph with sustained winds greater than 40 mph during this time. The strong winds created some minor damage, power outages and blowing dust. Winds diminished during the evening hours on the 16th.				
(NE-Z030) BOONE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z050) BUTLER, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z065) SEWARD, (NE-Z066) LANCASTER				
	01/18/14 09:30 CST		0	High Wind (MAX 58 kt)
	01/18/14 14:00 CST		0	
A fast moving but potent storm system moved south from the eastern Dakota into Iowa during the day on the 18th. A cold front moved rapidly south across eastern Nebraska and western Iowa in the early morning. Behind the cold front, winds increased from the northwest across the area during the morning as high pressure built into the area. Northwest sustained winds of 20 to 35 mph with gusts to 50 mph were common, but isolated locations recorded higher winds greater than 58 mph with some light damage reported. The winds decreased by late afternoon as the storm system pushed off to the east.				
(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z030) BOONE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z050) BUTLER, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z065) SEWARD, (NE-Z066) LANCASTER, (NE-Z067) CASS, (NE-Z068) OTOE, (NE-Z078) SALINE, (NE-Z089) GAGE, (NE-Z090) JOHNSON, (NE-Z091) NEMAHA, (NE-Z092) PAWNEE, (NE-Z093) RICHARDSON				
	01/22/14 19:00 CST		0	Cold/Wind Chill
	01/23/14 10:00 CST		0	
Arctic high pressure built down across the central plains on January 22nd and 23rd. The high brought northwest winds of winds of 15 to 25 mph with higher gusts to the region. Temperatures across eastern Nebraska and western Iowa fell into the single digits on the 22nd and into the 5 below to 10 below range over most of the area by the morning of the 23rd. The combination of the cold and strong winds lowered wind chill values down into the 20 below to 30 below zero range.				
(NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z066) LANCASTER, (NE-Z067) CASS, (NE-Z068) OTOE				

## Storm Data and Unusual Weather Phenomena - January 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/26/14 14:30 CST		0	High Wind (MAX 55 kt)
	01/26/14 19:30 CST		0	

As a strong upper level storm system moved into the Great Lakes during Sunday January 26th, an arctic cold front swept through the central Plains. The cold front brought widespread blizzard conditions to parts of the northern Plains into the Upper Mississippi River Valley, but farther west, where snow cover was lacking, just strong north winds were experienced across western Iowa and eastern Nebraska. The winds peaked during the late afternoon and early evening across the area.

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(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z018) WAYNE, (NE-Z034) BURT

01/27/14 00:00 CST	0	Cold/Wind Chill
01/27/14 10:00 CST	0	

Arctic high pressure building down across the plains lowered temperatures a little below zero across northeast Nebraska and west central Iowa during the early morning hours of January 27th. When combined with northwest winds of 15 to 25 mph, wind chill values fell to around 20 below to 25 below zero.

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(NE-Z052) DOUGLAS

01/29/14 15:00 CST	0	Wildfire
01/29/14 21:00 CST	0	

High pressure over the southern plains brought dry, windy and relatively warm conditions to eastern Nebraska on January 29th. Afternoon temperatures climbed into the 40s as relative humidity values dropped into the 20 to 30 percent range as south winds gusted between 20 and 30 mph.